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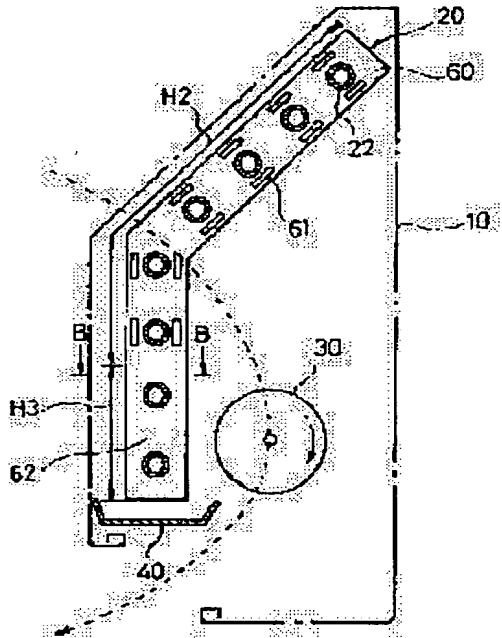
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(54) HEAT EXCHANGER FOR AIR CONDITIONER

(57)Abstract:

PROBLEM TO BE SOLVED: To enable gathering of water totally to a receptacle of condensed water by arranging one of surfaces made up of a wave shape forming a valley part parallel with a corner to let the condensed water flow.

SOLUTION: Condensed water P is formed on the surfaces of a flat fin 60 and a heat exchanger tube 22 because of a difference between the temperature of room air and the temperature of a refrigerant in the heat exchange process. The condensed water P flows down along the surface of the flat fin 60 and is gathered to a condensed water pan 40 installed at a specified distance at a lower part of the heat exchanger 20 to be drained outside. In this process, as a wave-shaped part 62 is formed in the direction of air flows on the lower end side of the flat fin 60 adjacent to a cross fan 30, when passing through the wave-shaped part 62, the condensed water P flowing down along the surface of the flat fin 60 will not be sucked in toward a cross fan 30 even by a strong air force blown from the cross fan 30 and can flow downward intact through the valley part of the wave shaped-part 62.



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